

Human Cardiac Troponin complex

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| Catalogue # | P-600-100 |
| Uniprot ID: | P19429, P45379, P63316 |
| Source: | Human |
| MW: | 88 kDa |
| Host: | CHO-based cell line (expressed by QMCF Technology) |
| Purification: | Antibody-affinity purification following desalting |
| Purity: | >90% |
| Concentration: | 1 mg/ml |
| Buffer: | 25 mM Tris, pH 7.5 500 mM NaCl 5 mM CaCl ₂ 15 mM β -mercaptoethanol |
| QC: | SDS-PAGE NanoDrop A280 |
| Shipping: | Shipped on dry ice |
| Storage: | Store at -70°C upon receipt. Recommended to aliquot into smaller quantities. Avoid repeated freeze-thaw cycles |
| Background: | Troponin complex plays a crucial role in skeletal and cardiac muscle contraction generation and regulation. It consists of three subunits: troponin I, T and C. |

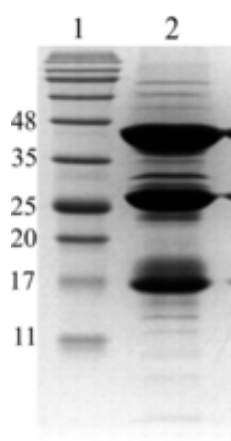


Figure 1. Coomassie-stained SDS-PAGE analysis of human cardiac troponin complex. Lane 1. Size marker. Lane 2. Human cardiac troponin complex (cTnI 25 kDa, cTnC 18 kDa, cTnT 45 kDa).